

April 15, 2013

Project No. 10627.003.0

Ms. Chand Sultana
California Environmental Protection Agency
Department of Toxic Substances Control
9211 Oakdale Avenue
Chatsworth, California 91311

**Re: Quarterly Summary Report
First Quarter 2013
Alcoa Cast Plate Division Site
3200 Fruitland Avenue, Vernon, California
Docket No. HAS-CO 09/10-121**

Dear Ms. Sultana:

Pursuant to the July 6, 2010, Imminent and Substantial Endangerment Determination and Consent Order (Order) between the California Department of Toxic Substances Control (DTSC) and Pechiney Cast Plate, Inc. (Pechiney; the Respondent), this quarterly summary report is hereby submitted by AMEC Environment & Infrastructure, Inc. (AMEC), on behalf of the Respondent. As specified in the Order, this report provides a summary of the activities performed during the reporting period of January 1, 2013 through March 31, 2013 (first quarter 2013), and for the other elements outlined in Section 6.3 of the Order for the property located at 3200 Fruitland Avenue in Vernon, California (site). A summary of the activities conducted during the reporting period and for the elements outlined in the Order is provided below.

Tasks Completed During the Reporting Period (First Quarter 2013)

- Began the soil vapor extraction (SVE) system startup and operation, maintenance, and monitoring (OMM) for the Phase I area (northern parcel) on January 18, 2013.
- Began the SVE system startup and OMM for the Phase III/IV area (southern parcel) on January 28, 2013.
- Conducted the first groundwater monitoring event as outlined in the Remedial Action Plan (RAP) for the existing groundwater monitoring wells AOW-6, -8 and -9 and the newly installed groundwater monitoring AOW-10.
- Submitted the SVE System Compliance Report on March 1, 2013 to the South Coast Air Quality Management District (SCAQMD) for the SVE system located in the Phase I area of the site (northern parcel).
- Submitted the SVE System Compliance Report to the SCAQMD on March 15, 2013 for the SVE system located in the Phase III/IV area of the site (southern parcel).

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Results of Sampling and Significant Findings Obtained During the Reporting Period

Initial sampling was conducted to establish a baseline of soil vapor conditions to support the startup of the Phase I and Phase III/IV SVE systems in December 2012. Findings associated with the baseline sampling will be included in the SVE and SVE/Bioventing Startup Report to be submitted to DTSC during the second quarter of 2013.

The January 2013 groundwater monitoring event was completed and the sampling results will be provided to DTSC during the second quarter of 2013.

Tasks Anticipated During the Current Reporting Period (Second Quarter 2013 – April 1 through June 30)

- Continue SVE systems operation, maintenance, and monitoring (OMM) work.
- Conduct second quarter groundwater monitoring event as outlined in the RAP.
- Submit supporting information to DTSC regarding the option to convert the treatment system for the Phase III/IV (Stoddard solvent-impacted soil) to thermal oxidation. The initial permitting tasks for the treatment system conversion are in progress.

Tasks Planned for the Next Reporting Period (Third Quarter 2013 – July 1 through September 31)

- Continue SVE and SVE/Bioventing OMM and reporting.
- Continue quarterly groundwater monitoring and reporting.

Tasks Not Completed or Anticipated Problems in Complying with the Order

Although U.S. Environmental Protection Agency issued its approval of the proposed polychlorinated biphenyl (PCB) remediation goals and on-site disposal of PCB-impacted soil and concrete as described in the RAP and Application, DTSC issued its final approval of the Feasibility Study and RAP, and the City of Vernon's Community Services issuance of the building and grading permits for the below grade demolition and soil removal work, the City of Vernon and the City of Vernon's EHD approval to implement RAP has not been granted.¹ Therefore, the submittal of the final schedule as outlined in Section 5.2.2 of the Order with regard to the implementation of the below grade demolition and soil removal work outlined in the RAP will be submitted to DTSC once the City of Vernon and City of Vernon's Environmental Health Department (EHD) provides its approval of the RAP.

¹ The Rider attached to the City of Vernon's Community Services demolition and grading permits noted that the City of Vernon and the City of Vernon's EHD have not approved this work, nor the related remediation work contemplated under the permits and as outlined in the RAP. Proceeding with the below grade demolition and soil remediation work is dependent on the City of Vernon and the City of Vernon's EHD's notification that it approves the implementation of this work.



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Although the City of Vernon and the City of Vernon EHD approval of the RAP has not been granted, thus delaying the implementation of the below grade demolition work and the removal and disposal of the PCB-impacted soil and concrete, the installation of the SVE systems in the Phase I and III/IV areas was completed during the fourth quarter of 2012. As such, the SVE remedies to address soil and soil vapor impacts at the site have begun, and the SVE systems are currently operating.

If you have any questions or need any additional information, please call me at (949) 642-0245.

Sincerely yours,
AMEC

A handwritten signature in blue ink that reads "Linda Conlan".

Linda Conlan, PG
Principal Geologist

cc: William Adams, Pechiney
Gerald Pepper, Rio Tinto AUM Company
John Cermak, Baker & Hostetler, LLP
Allan Plaza, DTSC Chatsworth
Bruce Garbaccio, DTSC Chatsworth
Leonard Grossberg, City of Vernon Environmental Health Department
Carmen Santos, U.S. Environmental Protection Agency, Region 9